

STN Search Summary
09/919831

=> d his

FILE 'CAPLUS' ENTERED AT 12:04:49 ON 17 JUL 2003

L1 11263 S CORYNE?
L2 259 S L1 AND ?HOMOSERINE?
L3 259 S L1 AND L2
L4 259 S L1 (P) L2
L5 259 S L1 (P) L2
L6 222 S L1 (P) ?HOMOSERINE?
L7 14 S L6 (P) SULFHYDR?

=> d 1-14

L7 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2003:415454 CAPLUS
TI The putative transcriptional repressor McbR, member of the TetR-family, is involved in the regulation of the metabolic network directing the synthesis of sulfur containing amino acids in Corynebacterium glutamicum
AU Rey, Daniel Alexander; Puhler, Alfred; Kalinowski, Jorn
SO Journal of Biotechnology (2003), 103(1), 51-65

L7 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2003:221847 CAPLUS
TI Methionine production by Corynebacterium glutamicum with attenuated metK and brnQ genes
IN Bathe, Brigitte; Pfefferle, Walter; Huthmacher, Klaus
PA Degussa AG, Germany
SO PCT Int. Appl., 19 pp.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2003023044 A2 20030320 WO 2002-EP9043 20020813
DE 10144493 A1 20030703 DE 2001-10144493 20010911
PRAI DE 2001-10144493 A 20010911

L7 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2003:203315 CAPLUS
TI Corynebacterium glutamicum genes homologous to genes of methionine metabolism and their use in engineering microbial metabolism
IN Pompejus, Markus; Kroger, Burkhard; Schroder, Hartwig; Zelder, Oskar; Haberhauer, Gregor; Kim, Jun-won; Lee, Heung-shick; Hwang, Byung-joon
SO U.S. Pat. Appl. Publ., 214 pp., Cont.-in-part of U.S. Ser. No. 606,740.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2003049804 A1 20030313 US 2000-746660 20001222
PRAI US 1999-141031P P 19990625
US 1999-142101P P 19990702
DE 1999-19931420 A 19990708
US 1999-148613P P 19990812
US 2000-187970P P 20000309
US 2000-603124 A2 20000623
US 2000-606740 A2 20000623

BEST AVAILABLE COPY

L7 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:927599 CAPLUS
 TI Cloning of Corynebacterium glutamicum metD gene encoding a transcription repressor for L-methionine biosynthesis enzymes and use thereof in related fermn.
 IN Rey, Daniel; Rueckert, Christian; Kalinowski, Joern; Puehler, Alfred; Bathe, Brigitte; Huthmacher, Klaus; Pfefferle, Walter
 PA Degussa AG, Germany
 SO PCT Int. Appl., 52 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002097096	A2	20021205	WO 2002-EP5152	20020510
	DE 10126164	A1	20021205	DE 2001-10126164	20010530
	US 2003092026	A1	20030515	US 2002-156856	20020530
PRAI	DE 2001-10126164	A	20010530		

L7 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:504549 CAPLUS
 TI Genes of Corynebacterium glutamicum useful for microbial engineering for fermentative production of compounds and for diagnosing infection
 IN Pompejus, Markus; Kroeger, Burkhard; Zelder, Oskar; Schroeder, Hartwig
 PA Basf Aktiengesellschaft, Germany
 SO PCT Int. Appl., 176 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002051231	A1	20020704	WO 2000-EP13143	20001222
PRAI	WO 2000-EP13143		20001222		

L7 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:185340 CAPLUS
 TI Sequences of sahH gene from corynebacteria and use thereof in production of L-lysine or L-methionine
 IN Farwick, Mike; Huthmacher, Klaus; Brehme, Jennifer; Pfefferle, Walter; Binder, Michael; Greissinger, Dieter; Thierbach, Georg
 PA Degussa A.-G., Germany
 SO PCT Int. Appl., 53 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002020806	A1	20020314	WO 2001-EP8222	20010717
	DE 10109685	A1	20020411	DE 2001-10109685	20010228
	AU 2001079755	A5	20020322	AU 2001-79755	20010717
	EP 1315820	A1	20030604	EP 2001-957975	20010717
	US 2003100080	A1	20030529	US 2001-919854	20010802
PRAI	DE 2000-10044706	A	20000909		
	DE 2001-10109685	A	20010228		
	US 2001-294277P	P	20010531		
	WO 2001-EP8222	W	20010717		

L7 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:172115 CAPLUS
 TI Sequences of metY gene from corynebacteria and use thereof in production of L-lysine or L-methionine
 IN Moeckel, Bettina; Pfefferle, Walter; Huthmacher, Klaus; Rueckert, Christian; Kalinowski, Joern; Puehler, Alfred; Binder, Michael; Greissinger, Dieter; Thierbach, Georg
 PA Degussa A.-G., Germany
 SO PCT Int. Appl., 57 pp.

BEST AVAILABLE COPY

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002018613	A1	20020307	WO 2001-EP8223	20010717
	DE 10109690	A1	20020314	DE 2001-10109690	20010228
	AU 2001089666	A5	20020313	AU 2001-89666	20010717
	EP 1313871	A1	20030528	EP 2001-969400	20010717
	US 2002110878	A1	20020815	US 2001-919932	20010802
PRAI	DE 2000-10043334	A	20000902		
	DE 2001-10109690	A	20010228		
	US 2001-294252P	P	20010531		
	WO 2001-EP8223	W	20010717		

L7 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:171942 CAPLUS

TI Sequences of metR and metZ gene from corynebacteria and use thereof in synthesis of L-methionine

IN Bathe, Brigitte; Pfefferle, Walter; Huthmacher, Klaus; Rueckert, Christian; Kalinowski, Joern; Puehler, Alfred; Binder, Michael; Greissinger, Dieter; Thierbach, Georg

PA Degussa A.-G., Germany

SO PCT Int. Appl., 51 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002018430	A2	20020307	WO 2001-EP8221	20010717
	WO 2002018430	A3	20020704		
	DE 10109688	A1	20020314	DE 2001-10109688	20010228
	AU 2001081984	A5	20020313	AU 2001-81984	20010717
	EP 1313757	A2	20030528	EP 2001-960503	20010717
	US 2002102664	A1	20020801	US 2001-919831	20010802
PRAI	DE 2000-10043335	A	20000902		
	DE 2001-10109688	A	20010228		
	US 2001-294224P	P	20010531		
	WO 2001-EP8221	W	20010717		

L7 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:136437 CAPLUS

TI Corynebacterium glutamicum utilizes both transsulfuration and direct sulphydrylation pathways for methionine biosynthesis

AU Hwang, Byung-Joon; Yeom, Hye-Jin; Kim, Younhee; Lee, Heung-Shick

SO Journal of Bacteriology (2002), 184(5), 1277-1286

L7 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:107385 CAPLUS

TI The methH gene of Corynebacterium glutamicum encoding homocysteine methyltransferase II and its use in increasing yields of L-methionine in fermentation

IN Bathe, Brigitte; Moeckel, Bettina; Pfefferle, Walter; Huthmacher, Klaus; Rueckert, Christian; Kalinowski, Joern; Puehler, Alfred; Binder, Michael; Greissinger, Dieter; Thierbach, Georg

PA Degussa A.-G., Germany

SO PCT Int. Appl., 53 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002010209	A1	20020207	WO 2001-EP8220	20010717
	DE 10109687	A1	20020221	DE 2001-10109687	20010228
	EP 1307475	A1	20030507	EP 2001-965135	20010717
	US 2002048793	A1	20020425	US 2001-919891	20010802

BEST AVAILABLE COPY

PRAI DE 2000-10038050 A 20000802
 DE 2001-10109687 A 20010228
 US 2001-294251P P 20010531
 WO 2001-EP8220 W 20010717

L7 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:107384 CAPLUS

TI The metE gene of Corynebacterium glutamicum encoding homocysteine methyltransferase I and its use in increasing yields of L-methionine in fermentation

IN Bathe, Brigitte; Moeckel, Bettina; Pfefferle, Walter; Huthmacher, Klaus; Rueckert, Christian; Kalinowski, Joern; Puehler, Alfred; Binder, Michael; Greissinger, Dieter; Thierbach, Georg

PA Degussa A.-G., Germany

SO PCT Int. Appl., 62 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002010208	A1	20020207	WO 2001-EP8219	20010717
	DE 10109689	A1	20020221	DE 2001-10109689	20010228
	EP 1307476	A1	20030507	EP 2001-967191	20010717
	US 2002110877	A1	20020815	US 2001-919835	20010802
PRAI	DE 2000-10038023	A	20000802		
	DE 2001-10109689	A	20010228		
	US 2001-294250P	P	20010531		
	WO 2001-EP8219	W	20010717		

L7 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:107382 CAPLUS

TI The metF gene of Corynebacterium glutamicum encoding methylenetetrahydrofolate reductase and its use in increasing yields of L-methionine in fermentation

IN Bathe, Brigitte; Moeckel, Bettina; Pfefferle, Walter; Huthmacher, Klaus; Binder, Michael; Greissinger, Dieter; Thierbach, Georg

PA Degussa A.-G., Germany

SO PCT Int. Appl., 43 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002010206	A2	20020207	WO 2001-EP8224	20010717
	WO 2002010206	A3	20020502		
	DE 10109686	A1	20020221	DE 2001-10109686	20010228
	EP 1307477	A2	20030507	EP 2001-967192	20010717
	US 2002049305	A1	20020425	US 2001-919935	20010802
PRAI	DE 2000-10053942	A	20000802		
	DE 2001-10109686	A	20010228		
	US 2001-294279P	P	20010531		
	WO 2001-EP8224	W	20010717		

BEST AVAILABLE COPY

L7 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:676795 CAPLUS
 TI Corynebacterium glutamicum genes encoding metabolic pathway proteins
 IN Pompejus, Markus; Kroeger, Burkhard; Schroeder, Hartwig; Zelder, Oskar;
 Haberhauer, Gregor; Kim, Jun-Won; Lee, Heung-Shick; Hwang, Byung-Joon
 PA BASF Aktiengesellschaft, Germany
 SO PCT Int. Appl., 316 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066573	A2	20010913	WO 2000-IB2035	20001222
	WO 2001066573	A3	20020510		
	EP 1261718	A2	20021204	EP 2000-987602	20001222
	BR 2000017148	A	20030311	BR 2000-17148	20001222
PRAI	US 2000-187970P	P	20000309		
	US 2000-606740	A	20000623		
	WO 2000-IB2035	W	20001222		

L7 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2003 ACS
 AN 1977:464468 CAPLUS
 TI O-alkylhomoserine synthesis catalyzed by O-acetylhomoserine sulfhydrylase
 in microorganisms
 AU Murooka, Yoshikatsu; Kakiyama, Katsushi; Miwa, Toshiaki; Seto, Koji;
 Harada, Tokuya
 SO Journal of Bacteriology (1977), 130(1), 62-73

BEST AVAILABLE COPY